L Number	Hits	Search Text	DB	Time stamp
1	886	((((frequency near3 modulat\$3) with	USPAT	2004/01/22 20:04
-		(control\$3 near4 signal\$2)) and		
		((transmitter or laser or electrooptic\$3 or	•	
		(electro adj optic\$3) or (electr\$3 adj		İ
		optic\$3 adj converter)))) and (optic\$3 or		
1		398/\$.ccls.)) not ((((frequency near3		1
		modulat\$3) with (pilot\$2 near4 signal\$2))		
1		same transmitter) and optic\$) or		.[
		((((frequency near3 modulat\$3) with (pilot\$2		
		near4 signal\$2)) same transmitter) and		
		398/\$.ccls.))		
2	69	((((frequency near3 modulat\$3) with (pilot\$2	USPAT;	2004/01/22 19:59
1		near4 signal\$2)) and ((transmitter or laser	US-PGPUB;	
		or electrooptic\$3 or (electro adj optic\$3)	EPO	
		or (electr\$3 adj optic\$3 adj converter))))		
		and (optic\$3 or 398/\$.ccls.)) not		
		(((((frequency near3 modulat\$3) with		i
		<pre>(pilot\$2 near4 signal\$2)) same transmitter) and optic\$) or ((((frequency near3))</pre>		
		modulat\$3) with (pilot\$2 near4 signal\$2))		
		same transmitter) and 398/\$.ccls.))	1	
3	54	((((frequency near3 modulat\$3) with (pilot\$2	USPAT	2004/01/22 19:58
	3.	near4 signal\$2)) and ((transmitter or laser	001111	2001, 01, 22 13.30
		or electrooptic\$3 or (electro adj optic\$3)		
		or (electr\$3 adj optic\$3 adj converter))))		
		and (optic\$3 or 398/\$.ccls.)) not		
		(((((frequency near3 modulat\$3) with	1	
		(pilot\$2 near4 signal\$2)) same transmitter)		
		and optic\$) or (((frequency near3		
		modulat\$3) with (pilot\$2 near4 signal\$2))		
		same transmitter) and 398/\$.ccls.))		
4	0	(((((frequency near3 modulat\$3) with	USPAT	2004/01/22 19:59
		(pilot\$2 near4 signal\$2)) and ((transmitter		
		or laser or electrooptic\$3 or (electro adj optic\$3) or (electr\$3 adj optic\$3 adj		
		converter)))) and (optic\$3 or 398/\$.ccls.))		
		not ((((frequency near3 modulat\$3) with		
		(pilot\$2 near4 signal\$2)) same transmitter)		·
		and optic\$) or (((frequency near3		
		modulat\$3) with (pilot\$2 near4 signal\$2))		
		same transmitter) and 398/\$.ccls.))) not		
		(((((frequency near3 modulat\$3) with		
		(pilot\$2 near4 signal\$2)) and ((transmitter		
		or laser or electrooptic\$3 or (electro adj		
		optic\$3) or (electr\$3 adj optic\$3 adj		
.		converter)))) and (optic\$3 or 398/\$.ccls.))		
		not (((((frequency near3 modulat\$3) with		
		<pre>(pilot\$2 near4 signal\$2)) same transmitter) and optic\$) or ((((frequency near3))</pre>		
		modulat\$3) with (pilot\$2 near4 signal\$2))		
		same transmitter) and 398/\$.ccls.)))		
5	15	((((frequency near3 modulat\$3) with (pilot\$2	US-PGPUB;	2004/01/22 20:03
		near4 signal\$2)) and ((transmitter or laser	EPO	
		or electrooptic\$3 or (electro adj optic\$3)		
,		or (electr\$3 adj optic\$3 adj converter))))		
		and (optic\$3 or 398/\$.ccls.)) not		
		(((((frequency near3 modulat\$3) with		,
		(pilot\$2 near4 signal\$2)) same transmitter)		
		and optic\$) or ((((frequency near3		
		modulat\$3) with (pilot\$2 near4 signal\$2))		
		same transmitter) and 398/\$.ccls.))	1	<u> </u>

6	0	(((((frequency near3 modulat\$3) with	US-PGPUB;	2004/01/22 20:03
		(control\$3 near4 signal\$2)) and	EPO	
		((transmitter or laser or electrooptic\$3 or		
		(electro adj optic\$3) or (electr\$3 adj		
		optic\$3 adj converter)))) and (optic\$3 or		
		398/\$.ccls.)) not ((((frequency near3		
		modulat\$3) with (pilot\$2 near4 signal\$2))		
		same transmitter) and optic\$) or		
		((((frequency near3 modulat\$3) with (pilot\$2		
		near4 signal\$2)) same transmitter) and		
		398/\$.ccls.))) not ((((frequency near3		
		modulat\$3) with (pilot\$2 near4 signal\$2))		
		and ((transmitter or laser or electrooptic\$3		
		or (electro adj optic\$3) or (electr\$3 adj		
		optic\$3 adj converter)))) and (optic\$3 or		
		398/\$.ccls.)) not ((((frequency near3		
		modulat\$3) with (pilot\$2 near4 signal\$2))		
		same transmitter) and optic\$) or		
		((((frequency near3 modulat\$3) with (pilot\$2		
		near4 signal\$2)) same transmitter) and		·
,		398/\$.ccls.))) not ((((frequency near3		
		modulat\$3) with (pilot\$2 near4 signal\$2))		
		and ((transmitter or laser or electrooptic\$3		
		or (electro adj optic\$3) or (electr\$3 adj		
		optic\$3 adj converter)))) and (optic\$3 or		
		398/\$.ccls.)) not ((((frequency near3		
		modulat\$3) with (pilot\$2 near4 signal\$2))		
		same transmitter) and optic\$) or		
		((((frequency near3 modulat\$3) with (pilot\$2		
		near4 signal\$2)) same transmitter) and		
		398/\$.ccls.)))		
7	1085		USPAT;	2004/01/22 20:05
		(control\$3 near4 signal\$2)) and	US-PGPUB;	
		((transmitter or laser or electrooptic\$3 or	EPO	
		(electro adj optic\$3) or (electr\$3 adj		
		optic\$3 adj converter)))) and (optic\$3 or		
		398/\$.ccls.)) not ((((frequency near3		
1		modulat\$3) with (pilot\$2 near4 signal\$2))		
		same transmitter) and optic\$) or		
		((((frequency near3 modulat\$3) with (pilot\$2		
		near4 signal\$2)) same transmitter) and		
	1	398/\$.ccls.))	1	

(control\$3 near4 signal\$2)) and (stransmitter or laser or electrooptic\$3 or (electro adj optic\$3) or (electr\$3 adj optic\$3 adj converter)))) and (optic\$3 or 398/\$.ccls.)) not ((((frequency near3 modulat\$3) with (pilot\$2 near4 signal\$2)) same transmitter) and optic\$) or	2004/01/22 20:06
((transmitter or laser or electrooptic\$3 or (electro adj optic\$3) or (electr\$3 adj optic\$3 adj converter)))) and (optic\$3 or 398/\$.ccls.)) not ((((frequency near3 modulat\$3) with (pilot\$2 near4 signal\$2)) same transmitter) and optic\$) or	
(electro adj optic\$3) or (electr\$3 adj optic\$3 adj converter)))) and (optic\$3 or 398/\$.ccls.)) not ((((frequency near3 modulat\$3) with (pilot\$2 near4 signal\$2)) same transmitter) and optic\$) or	
optic\$3 adj converter)))) and (optic\$3 or 398/\$.ccls.)) not ((((frequency near3 modulat\$3) with (pilot\$2 near4 signal\$2)) same transmitter) and optic\$) or	
398/\$.ccls.)) not (((((frequency near3 modulat\$3) with (pilot\$2 near4 signal\$2)) same transmitter) and optic\$) or	
modulat\$3) with (pilot\$2 near4 signal\$2)) same transmitter) and optic\$) or	
same transmitter) and optic\$) or	
((((frequency near3 modulat\$3) with (pilot\$2	
near4 signal\$2)) same transmitter) and	
398/\$.ccls.))) not ((((frequency near3	
modulat\$3) with (pilot\$2 near4 signal\$2))	
and ((transmitter or laser or electrooptic\$3	
or (electro adj optic\$3) or (electr\$3 adj	
optic\$3 adj converter)))) and (optic\$3 or	
398/\$.ccls.)) not (((((frequency near3	
modulat\$3) with (pilot\$2 near4 signal\$2))	
same transmitter) and optic\$) or	
((((frequency near3 modulat\$3) with (pilot\$2	
near4 signal\$2)) same transmitter) and 398/\$.ccls.))) not ((((frequency near3	
modulat\$3) with (pilot\$2 near4 signal\$2))	
and ((transmitter or laser or electrooptic\$3	
or (electro adj optic\$3) or (electr\$3 adj	
optic\$3 adj converter)))) and (optic\$3 or	
398/\$.ccls.)) not ((((frequency near3	
modulat\$3) with (pilot\$2 near4 signal\$2))	
same transmitter) and optic\$) or	
((((frequency near3 modulat\$3) with (pilot\$2	
near4 signal\$2)) same transmitter) and	
398/\$.ccls.))) 9 1072 (((((frequency near3 modulat\$3) with USPAT;	2004/01/22 20:07
9 1072 ((((((frequency near3 modulat\$3) with USPAT; (control\$3 near4 signal\$2)) and US-PGPUB;	2004/01/22 20.07
((transmitter or laser or electrooptic\$3 or EPO	
(electro adj optic\$3) or (electr\$3 adj	
optic\$3 adj converter)))) and (optic\$3 or	
398/\$.ccls.)) not ((((frequency near3	
modulat\$3) with (pilot\$2 near4 signal\$2))	
same transmitter) and optic\$) or	
((((frequency near3 modulat\$3) with (pilot\$2	
near4 signal\$2)) same transmitter) and	
398/\$.ccls.))) not (((((frequency near3 modulat\$3) with (pilot\$2 near4 signal\$2))	
and ((transmitter or laser or electrooptic\$3	
or (electro adj optic\$3) or (electr\$3 adj	
optic\$3 adj converter)))) and (optic\$3 or	
398/\$.ccls.)) not ((((frequency near3	
modulat\$3) with (pilot\$2 near4 signal\$2))	
same transmitter) and optic\$) or	•
((((frequency near3 modulat\$3) with (pilot\$2	
near4 signal\$2)) same transmitter) and	
398/\$.ccls.))) not ((((frequency near3	
modulat\$3) with (pilot\$2 near4 signal\$2)) and ((transmitter or laser or electrooptic\$3	
or (electro adj optic\$3) or (electr\$3 adj	
optic\$3 adj converter)))) and (optic\$3 or	
398/\$.ccls.)) not ((((frequency near3	
modulat\$3) with (pilot\$2 near4 signal\$2))	
same transmitter) and optic\$) or	
((((frequency near3 modulat\$3) with (pilot\$2	
near4 signal\$2)) same transmitter) and	
398/\$.ccls.)))) and (optic\$3 or 398/\$.ccls.)	· · · · · · · · · · · · · · · · · · ·

	266	//////froguency near? modulates) with	USPAT;	2004/01/22 20:36
10	266	((((((frequency near3 modulat\$3) with (control\$3 near4 signal\$2)) and	US-PGPUB;	2004/01/22 20:36
		((transmitter or laser or electrooptic\$3 or	EPO EPO	
		(electro adj optic\$3) or (electr\$3 adj		
		optic\$3 adj converter)))) and (optic\$3 or		
		398/\$.ccls.)) not ((((frequency near3		
		modulat\$3) with (pilot\$2 near4 signal\$2))		
		same transmitter) and optic\$) or		
		((((frequency near3 modulat\$3) with (pilot\$2		
		near4 signal\$2)) same transmitter) and		
		398/\$.ccls.))) not ((((frequency near3		
		<pre>modulat\$3) with (pilot\$2 near4 signal\$2))</pre>		
		and ((transmitter or laser or electrooptic\$3		
		or (electro adj optic\$3) or (electr\$3 adj		
		optic\$3 adj converter)))) and (optic\$3 or		
		398/\$.ccls.)) not ((((frequency near3		
		modulat\$3) with (pilot\$2 near4 signal\$2))		
		same transmitter) and optic\$) or		
		((((frequency near3 modulat\$3) with (pilot\$2		
		near4 signal\$2)) same transmitter) and		
		398/\$.ccls.))) not ((((frequency near3		
		modulat\$3) with (pilot\$2 near4 signal\$2))		
		and ((transmitter or laser or electrooptic\$3 or (electro adj optic\$3) or (electr\$3 adj		
	İ	optic\$3 adj converter)))) and (optic\$3 or		
		398/\$.ccls.)) not (((((frequency near3		
		modulat\$3) with (pilot\$2 near4 signal\$2))	•	
		same transmitter) and optic\$) or		
		((((frequency near3 modulat\$3) with (pilot\$2		
		near4 signal\$2)) same transmitter) and		
	1	398/\$.ccls.)))) and (optic\$3 or		
		398/\$.ccls.)) and video		
11	1	((((((frequency near3 modulat\$3) with	USPAT;	2004/01/22 20:37
		(control\$3 near4 signal\$2)) and	US-PGPUB;	
		((transmitter or laser or electrooptic\$3 or	EPO	
		(electro adj optic\$3) or (electr\$3 adj		
<u> </u>	1	optic\$3 adj converter)))) and (optic\$3 or		
		398/\$.ccls.)) not ((((frequency near3		
		modulat\$3) with (pilot\$2 near4 signal\$2)) same transmitter) and optic\$) or		
		((((frequency near3 modulat\$3) with (pilot\$2		
		near4 signal\$2)) same transmitter) and		
		398/\$.ccls.))) not ((((frequency near3		
		modulat\$3) with (pilot\$2 near4 signal\$2))		-
		and ((transmitter or laser or electrooptic\$3		
		or (electro adj optic\$3) or (electr\$3 adj		
	2	optic\$3 adj converter)))) and (optic\$3 or		
		398/\$.ccls.)) not ((((frequency near3		
		modulat\$3) with (pilot\$2 near4 signal\$2))		
		same transmitter) and optic\$) or		
		((((frequency near3 modulat\$3) with (pilot\$2	-	
		near4 signal\$2)) same transmitter) and		
		398/\$.ccls.))) not ((((frequency near3]	
1		modulat\$3) with (pilot\$2 near4 signal\$2))	}	
		and ((transmitter or laser or electrooptic\$3 or (electro adj optic\$3) or (electr\$3 adj		
		optic\$3 adj converter)))) and (optic\$3 or		
		398/\$.ccls.)) not ((((frequency near3		
	*	modulat\$3) with (pilot\$2 near4 signal\$2))	1	
		same transmitter) and optic\$) or		
		((((frequency near3 modulat\$3) with (pilot\$2)		
		near4 signal\$2)) same transmitter) and	1	
		398/\$.ccls.)))) and (315/209r.ccls. or		
		372/109.ccls. or 330/288.ccls.)		
12	0	119 and (372/\$.ccls. or 315/\$.ccls.)	USPAT;	2004/01/22 20:38
1			US-PGPUB;	
į.			EPO	ı

		11111116	LIODAM	2004/03/20 22
13	151	(((((((frequency near3 modulat\$3) with	USPAT; US-PGPUB;	2004/01/22 20:40
		<pre>(control\$3 near4 signal\$2)) and ((transmitter or laser or electrooptic\$3 or</pre>	EPO	1
		(electro adj optic\$3) or (electr\$3 adj	110	
		optic\$3 adj converter)))) and (optic\$3 or		
		398/\$.ccls.)) not ((((frequency near3		
		modulat\$3) with (pilot\$2 near4 signal\$2))		
		same transmitter) and optic\$) or		
		((((frequency near3 modulat\$3) with (pilot\$2		
		near4 signal\$2)) same transmitter) and		
		398/\$.ccls.))) not ((((frequency near3		
		<pre>modulat\$3) with (pilot\$2 near4 signal\$2))</pre>		
		and ((transmitter or laser or electrooptic\$3		
		or (electro adj optic\$3) or (electr\$3 adj		
		optic\$3 adj converter)))) and (optic\$3 or		
		398/\$.ccls.)) not ((((frequency near3		
		modulat\$3) with (pilot\$2 near4 signal\$2)) same transmitter) and optic\$) or		
		((((frequency near3 modulat\$3) with (pilot\$2		
		near4 signal\$2)) same transmitter) and		
		398/\$.ccls.))) not ((((frequency near3		
		modulat\$3) with (pilot\$2 near4 signal\$2))		
,		and ((transmitter or laser or electrooptic\$3		·
		or (electro adj optic\$3) or (electr\$3 adj		
		optic\$3 adj converter)))) and (optic\$3 or		
l		398/\$.ccls.)) not ((((frequency near3		
		<pre>modulat\$3) with (pilot\$2 near4 signal\$2))</pre>		
		same transmitter) and optic\$) or		
		((((frequency near3 modulat\$3) with (pilot\$2		
		near4 signal\$2)) same transmitter) and 398/\$.ccls.)))) and (optic\$3 or		1
		398/\$.ccls.)) and (372/\$.ccls. or		;
		315/\$.ccls.)		
14	. 151		USPAT;	2004/01/22 20:40
		(control\$3 near4 signal\$2)) and	US-PGPUB;	
		((transmitter or laser or electrooptic\$3 or	EPO	
		(electro adj optic\$3) or (electr\$3 adj	İ	
		optic\$3 adj converter)))) and (optic\$3 or		
		398/\$.ccls.)) not ((((frequency near3	1	
,	1	7 7 4 6 7 1 1 1 1 1 7 1 7 6 6 7 7 6 7 7 6 7 7 6 7 7 6 7 7 6 7	1	
		modulat\$3) with (pilot\$2 near4 signal\$2))		
		same transmitter) and optic\$) or		
		<pre>same transmitter) and optic\$) or ((((frequency near3 modulat\$3) with (pilot\$2</pre>		
		<pre>same transmitter) and optic\$) or ((((frequency near3 modulat\$3) with (pilot\$2 near4 signal\$2)) same transmitter) and</pre>		
		<pre>same transmitter) and optic\$) or ((((frequency near3 modulat\$3) with (pilot\$2 near4 signal\$2)) same transmitter) and 398/\$.ccls.))) not (((((frequency near3)))</pre>		
		<pre>same transmitter) and optic\$) or ((((frequency near3 modulat\$3) with (pilot\$2 near4 signal\$2)) same transmitter) and</pre>		
		same transmitter) and optic\$) or ((((frequency near3 modulat\$3) with (pilot\$2 near4 signal\$2)) same transmitter) and 398/\$.ccls.))) not ((((frequency near3 modulat\$3) with (pilot\$2 near4 signal\$2)) and ((transmitter or laser or electrooptic\$3 or (electro adj optic\$3) or (electr\$3 adj		
		same transmitter) and optic\$) or ((((frequency near3 modulat\$3) with (pilot\$2 near4 signal\$2)) same transmitter) and 398/\$.ccls.))) not ((((frequency near3 modulat\$3) with (pilot\$2 near4 signal\$2)) and ((transmitter or laser or electrooptic\$3 or (electro adj optic\$3) or (electr\$3 adj optic\$3 adj converter)))) and (optic\$3 or		
		same transmitter) and optic\$) or ((((frequency near3 modulat\$3) with (pilot\$2 near4 signal\$2)) same transmitter) and 398/\$.ccls.))) not ((((frequency near3 modulat\$3) with (pilot\$2 near4 signal\$2)) and ((transmitter or laser or electrooptic\$3 or (electro adj optic\$3) or (electr\$3 adj optic\$3 adj converter)))) and (optic\$3 or 398/\$.ccls.)) not ((((frequency near3)))		
		same transmitter) and optic\$) or ((((frequency near3 modulat\$3) with (pilot\$2 near4 signal\$2)) same transmitter) and 398/\$.ccls.))) not ((((frequency near3 modulat\$3) with (pilot\$2 near4 signal\$2)) and ((transmitter or laser or electrooptic\$3 or (electro adj optic\$3) or (electr\$3 adj optic\$3 adj converter)))) and (optic\$3 or 398/\$.ccls.)) not ((((frequency near3 modulat\$3) with (pilot\$2 near4 signal\$2))		
		same transmitter) and optic\$) or ((((frequency near3 modulat\$3) with (pilot\$2 near4 signal\$2)) same transmitter) and 398/\$.ccls.))) not ((((frequency near3 modulat\$3) with (pilot\$2 near4 signal\$2)) and ((transmitter or laser or electrooptic\$3 or (electro adj optic\$3) or (electr\$3 adj optic\$3 adj converter)))) and (optic\$3 or 398/\$.ccls.)) not ((((frequency near3 modulat\$3) with (pilot\$2 near4 signal\$2)) same transmitter) and optic\$) or		
		same transmitter) and optic\$) or ((((frequency near3 modulat\$3) with (pilot\$2 near4 signal\$2)) same transmitter) and 398/\$.ccls.))) not ((((frequency near3 modulat\$3) with (pilot\$2 near4 signal\$2)) and ((transmitter or laser or electrooptic\$3 or (electro adj optic\$3) or (electr\$3 adj optic\$3 adj converter)))) and (optic\$3 or 398/\$.ccls.)) not ((((frequency near3 modulat\$3) with (pilot\$2 near4 signal\$2)) same transmitter) and optic\$) or ((((frequency near3 modulat\$3) with (pilot\$2		
		same transmitter) and optic\$) or ((((frequency near3 modulat\$3) with (pilot\$2 near4 signal\$2)) same transmitter) and 398/\$.ccls.)) not ((((frequency near3 modulat\$3) with (pilot\$2 near4 signal\$2)) and ((transmitter or laser or electrooptic\$3 or (electro adj optic\$3) or (electr\$3 adj optic\$3 adj converter))) and (optic\$3 or 398/\$.ccls.)) not ((((frequency near3 modulat\$3) with (pilot\$2 near4 signal\$2)) same transmitter) and optic\$) or ((((frequency near3 modulat\$3) with (pilot\$2 near4 signal\$2)) same transmitter) same transmitter) and		
		same transmitter) and optic\$) or ((((frequency near3 modulat\$3) with (pilot\$2 near4 signal\$2)) same transmitter) and 398/\$.ccls.)) not ((((frequency near3 modulat\$3) with (pilot\$2 near4 signal\$2)) and ((transmitter or laser or electrooptic\$3 or (electro adj optic\$3) or (electr\$3 adj optic\$3 adj converter))) and (optic\$3 or 398/\$.ccls.)) not ((((frequency near3 modulat\$3) with (pilot\$2 near4 signal\$2)) same transmitter) and optic\$) or (((frequency near3 modulat\$3) with (pilot\$2 near4 signal\$2)) same transmitter) and 398/\$.ccls.))) not ((((frequency near3		
		same transmitter) and optic\$) or ((((frequency near3 modulat\$3) with (pilot\$2 near4 signal\$2)) same transmitter) and 398/\$.ccls.)) not ((((frequency near3 modulat\$3) with (pilot\$2 near4 signal\$2)) and ((transmitter or laser or electrooptic\$3 or (electro adj optic\$3) or (electr\$3 adj optic\$3 adj converter))) and (optic\$3 or 398/\$.ccls.)) not ((((frequency near3 modulat\$3) with (pilot\$2 near4 signal\$2)) same transmitter) and optic\$) or ((((frequency near3 modulat\$3) with (pilot\$2 near4 signal\$2)) same transmitter) same transmitter) and		
		same transmitter) and optic\$) or ((((frequency near3 modulat\$3) with (pilot\$2 near4 signal\$2)) same transmitter) and 398/\$.ccls.))) not ((((frequency near3 modulat\$3) with (pilot\$2 near4 signal\$2)) and ((transmitter or laser or electrooptic\$3 or (electro adj optic\$3) or (electr\$3 adj optic\$3 adj converter)))) and (optic\$3 or 398/\$.ccls.)) not ((((frequency near3 modulat\$3) with (pilot\$2 near4 signal\$2)) same transmitter) and optic\$) or ((((frequency near3 modulat\$3) with (pilot\$2 near4 signal\$2)) same transmitter) and 398/\$.ccls.))) not ((((frequency near3 modulat\$3) with (pilot\$2 near4 signal\$2)) and ((transmitter or laser or electrooptic\$3 or (electro adj optic\$3) or (electr\$3 adj		
		same transmitter) and optic\$) or ((((frequency near3 modulat\$3) with (pilot\$2 near4 signal\$2)) same transmitter) and 398/\$.ccls.))) not (((((frequency near3 modulat\$3) with (pilot\$2 near4 signal\$2)) and ((transmitter or laser or electrooptic\$3 or (electro adj optic\$3) or (electr\$3 adj optic\$3 adj converter)))) and (optic\$3 or 398/\$.ccls.)) not ((((frequency near3 modulat\$3) with (pilot\$2 near4 signal\$2)) same transmitter) and optic\$) or ((((frequency near3 modulat\$3) with (pilot\$2 near4 signal\$2)) same transmitter) and 398/\$.ccls.))) not ((((frequency near3 modulat\$3) with (pilot\$2 near4 signal\$2)) and ((transmitter or laser or electrooptic\$3 or (electro adj optic\$3) or (electr\$3 adj optic\$3 adj converter)))) and (optic\$3 or		
		same transmitter) and optic\$) or ((((frequency near3 modulat\$3) with (pilot\$2 near4 signal\$2)) same transmitter) and 398/\$.ccls.))) not (((((frequency near3 modulat\$3) with (pilot\$2 near4 signal\$2)) and ((transmitter or laser or electrooptic\$3 or (electro adj optic\$3) or (electr\$3 adj optic\$3 adj converter)))) and (optic\$3 or 398/\$.ccls.)) not (((((frequency near3 modulat\$3) with (pilot\$2 near4 signal\$2)) same transmitter) and optic\$) or ((((frequency near3 modulat\$3) with (pilot\$2 near4 signal\$2)) same transmitter) and 398/\$.ccls.))) not ((((frequency near3 modulat\$3) with (pilot\$2 near4 signal\$2)) and ((transmitter or laser or electrooptic\$3 or (electro adj optic\$3) or (electr\$3 adj optic\$3 adj converter)))) and (optic\$3 or 398/\$.ccls.)) not (((((frequency near3		
		same transmitter) and optic\$) or ((((frequency near3 modulat\$3) with (pilot\$2 near4 signal\$2)) same transmitter) and 398/\$.ccls.))) not (((((frequency near3 modulat\$3) with (pilot\$2 near4 signal\$2)) and ((transmitter or laser or electrooptic\$3 or (electro adj optic\$3) or (electr\$3 adj optic\$3 adj converter)))) and (optic\$3 or 398/\$.ccls.)) not (((((frequency near3 modulat\$3) with (pilot\$2 near4 signal\$2)) same transmitter) and optic\$) or ((((frequency near3 modulat\$3) with (pilot\$2 near4 signal\$2)) same transmitter) and 398/\$.ccls.))) not ((((frequency near3 modulat\$3) with (pilot\$2 near4 signal\$2)) and ((transmitter or laser or electrooptic\$3 or (electro adj optic\$3) or (electr\$3 adj optic\$3 adj converter)))) and (optic\$3 or 398/\$.ccls.)) not (((((frequency near3 modulat\$3) with (pilot\$2 near4 signal\$2))		
		same transmitter) and optic\$) or ((((frequency near3 modulat\$3) with (pilot\$2 near4 signal\$2)) same transmitter) and 398/\$.ccls.))) not (((((frequency near3 modulat\$3) with (pilot\$2 near4 signal\$2)) and ((transmitter or laser or electrooptic\$3 or (electro adj optic\$3) or (electr\$3 adj optic\$3 adj converter)))) and (optic\$3 or 398/\$.ccls.)) not (((((frequency near3 modulat\$3) with (pilot\$2 near4 signal\$2)) same transmitter) and optic\$) or ((((frequency near3 modulat\$3) with (pilot\$2 near4 signal\$2)) same transmitter) and 398/\$.ccls.))) not ((((frequency near3 modulat\$3) with (pilot\$2 near4 signal\$2)) and ((transmitter or laser or electrooptic\$3 or (electro adj optic\$3) or (electr\$3 adj optic\$3 adj converter)))) and (optic\$3 or 398/\$.ccls.)) not (((((frequency near3 modulat\$3) with (pilot\$2 near4 signal\$2)) same transmitter) and optic\$) or		
		same transmitter) and optic\$) or ((((frequency near3 modulat\$3) with (pilot\$2 near4 signal\$2)) same transmitter) and 398/\$.ccls.))) not (((((frequency near3 modulat\$3) with (pilot\$2 near4 signal\$2)) and ((transmitter or laser or electrooptic\$3 or (electro adj optic\$3) or (electr\$3 adj optic\$3 adj converter))) and (optic\$3 or 398/\$.ccls.)) not (((((frequency near3 modulat\$3) with (pilot\$2 near4 signal\$2)) same transmitter) and optic\$) or ((((frequency near3 modulat\$3) with (pilot\$2 near4 signal\$2)) same transmitter) and 398/\$.ccls.))) not (((((frequency near3 modulat\$3) with (pilot\$2 near4 signal\$2)) and ((transmitter or laser or electrooptic\$3 or (electro adj optic\$3) or (electr\$3 adj optic\$3 adj converter)))) and (optic\$3 or 398/\$.ccls.)) not (((((frequency near3 modulat\$3) with (pilot\$2 near4 signal\$2)) same transmitter) and optic\$) or ((((frequency near3 modulat\$3) with (pilot\$2 near4 signal\$2)) same transmitter) and optic\$) or		
		same transmitter) and optic\$) or ((((frequency near3 modulat\$3) with (pilot\$2 near4 signal\$2)) same transmitter) and 398/\$.ccls.))) not (((((frequency near3 modulat\$3) with (pilot\$2 near4 signal\$2)) and ((transmitter or laser or electrooptic\$3 or (electro adj optic\$3) or (electr\$3 adj optic\$3 adj converter))) and (optic\$3 or 398/\$.ccls.)) not (((((frequency near3 modulat\$3) with (pilot\$2 near4 signal\$2)) same transmitter) and optic\$) or ((((frequency near3 modulat\$3) with (pilot\$2 near4 signal\$2)) same transmitter) and 398/\$.ccls.))) not (((((frequency near3 modulat\$3) with (pilot\$2 near4 signal\$2)) and ((transmitter or laser or electrooptic\$3 or (electro adj optic\$3) or (electr\$3 adj optic\$3 adj converter)))) and (optic\$3 or 398/\$.ccls.)) not (((((frequency near3 modulat\$3) with (pilot\$2 near4 signal\$2)) same transmitter) and optic\$) or ((((frequency near3 modulat\$3) with (pilot\$2 near4 signal\$2)) same transmitter) and optic\$) or		
		same transmitter) and optic\$) or ((((frequency near3 modulat\$3) with (pilot\$2 near4 signal\$2)) same transmitter) and 398/\$.ccls.))) not (((((frequency near3 modulat\$3) with (pilot\$2 near4 signal\$2)) and ((transmitter or laser or electrooptic\$3 or (electro adj optic\$3) or (electr\$3 adj optic\$3 adj converter))) and (optic\$3 or 398/\$.ccls.)) not (((((frequency near3 modulat\$3) with (pilot\$2 near4 signal\$2)) same transmitter) and optic\$) or ((((frequency near3 modulat\$3) with (pilot\$2 near4 signal\$2)) same transmitter) and 398/\$.ccls.))) not (((((frequency near3 modulat\$3) with (pilot\$2 near4 signal\$2)) and ((transmitter or laser or electrooptic\$3 or (electro adj optic\$3) or (electr\$3 adj optic\$3 adj converter)))) and (optic\$3 or 398/\$.ccls.)) not ((((frequency near3 modulat\$3) with (pilot\$2 near4 signal\$2)) same transmitter) and optic\$) or ((((frequency near3 modulat\$3) with (pilot\$2 near4 signal\$2)) same transmitter) and 398/\$.ccls.)))) and (372/\$.ccls. or		
_	. 165	same transmitter) and optic\$) or ((((frequency near3 modulat\$3) with (pilot\$2 near4 signal\$2)) same transmitter) and 398/\$.ccls.)) not ((((frequency near3 modulat\$3) with (pilot\$2 near4 signal\$2)) and ((transmitter or laser or electrooptic\$3 or (electro adj optic\$3) or (electr\$3 adj optic\$3 adj converter))) and (optic\$3 or 398/\$.ccls.)) not ((((frequency near3 modulat\$3) with (pilot\$2 near4 signal\$2)) same transmitter) and optic\$) or ((((frequency near3 modulat\$3) with (pilot\$2 near4 signal\$2)) same transmitter) and 398/\$.ccls.))) not ((((frequency near3 modulat\$3) with (pilot\$2 near4 signal\$2)) and ((transmitter or laser or electrooptic\$3 or (electro adj optic\$3) or (electr\$3 adj optic\$3 adj converter)))) and (optic\$3 or 398/\$.ccls.)) not ((((frequency near3 modulat\$3) with (pilot\$2 near4 signal\$2)) same transmitter) and optic\$) or ((((frequency near3 modulat\$3) with (pilot\$2 near4 signal\$2)) same transmitter) and 398/\$.ccls.))) and (372/\$.ccls. or 315/\$.ccls.)	USPAT	2003/12/17 14:59
-	165 7606	same transmitter) and optic\$) or ((((frequency near3 modulat\$3) with (pilot\$2 near4 signal\$2)) same transmitter) and 398/\$.ccls.)) not ((((frequency near3 modulat\$3) with (pilot\$2 near4 signal\$2)) and ((transmitter or laser or electrooptic\$3 or (electro adj optic\$3) or (electr\$3 adj optic\$3 adj converter))) and (optic\$3 or 398/\$.ccls.)) not ((((frequency near3 modulat\$3) with (pilot\$2 near4 signal\$2)) same transmitter) and optic\$) or ((((frequency near3 modulat\$3) with (pilot\$2 near4 signal\$2)) same transmitter) and 398/\$.ccls.))) not ((((frequency near3 modulat\$3) with (pilot\$2 near4 signal\$2)) and ((transmitter or laser or electrooptic\$3 or (electro adj optic\$3) or (electr\$3 adj optic\$3 adj converter)))) and (optic\$3 or 398/\$.ccls.)) not ((((frequency near3 modulat\$3) with (pilot\$2 near4 signal\$2)) same transmitter) and optic\$) or (((frequency near3 modulat\$3) with (pilot\$2 near4 signal\$2)) same transmitter) and 398/\$.ccls.))) and (372/\$.ccls. or 315/\$.ccls.)	USPAT USPAT	2003/12/17 14:59 2003/12/17 17:16
		same transmitter) and optic\$) or ((((frequency near3 modulat\$3) with (pilot\$2 near4 signal\$2)) same transmitter) and 398/\$.ccls.)) not (((((frequency near3 modulat\$3) with (pilot\$2 near4 signal\$2)) and ((transmitter or laser or electrooptic\$3 or (electro adj optic\$3) or (electr\$3 adj optic\$3 adj converter))) and (optic\$3 or 398/\$.ccls.)) not (((((frequency near3 modulat\$3) with (pilot\$2 near4 signal\$2)) same transmitter) and optic\$) or ((((frequency near3 modulat\$3) with (pilot\$2 near4 signal\$2)) same transmitter) and 398/\$.ccls.))) not ((((frequency near3 modulat\$3) with (pilot\$2 near4 signal\$2)) and ((transmitter or laser or electrooptic\$3 or (electro adj optic\$3) or (electr\$3 adj optic\$3 adj converter))) and (optic\$3 or 398/\$.ccls.)) not ((((frequency near3 modulat\$3) with (pilot\$2 near4 signal\$2)) same transmitter) and optic\$) or ((((frequency near3 modulat\$3) with (pilot\$2 near4 signal\$2)) same transmitter) and 398/\$.ccls.))) and (372/\$.ccls. or 315/\$.ccls.) 398/2-5.ccls. protect\$3 near4 (path\$2 or link\$2) alternative adj (path\$2 or link\$2)		2003/12/17 17:16 2003/12/17 15:00
- -	7606 2521 10378	same transmitter) and optic\$) or ((((frequency near3 modulat\$3) with (pilot\$2 near4 signal\$2)) same transmitter) and 398/\$.ccls.)) not (((((frequency near3 modulat\$3) with (pilot\$2 near4 signal\$2)) and ((transmitter or laser or electrooptic\$3 or (electro adj optic\$3) or (electr\$3 adj optic\$3 adj converter))) and (optic\$3 or 398/\$.ccls.)) not ((((frequency near3 modulat\$3) with (pilot\$2 near4 signal\$2)) same transmitter) and optic\$) or (((frequency near3 modulat\$3) with (pilot\$2 near4 signal\$2)) same transmitter) and 398/\$.ccls.))) not ((((frequency near3 modulat\$3) with (pilot\$2 near4 signal\$2)) and ((transmitter or laser or electrooptic\$3 or (electro adj optic\$3) or (electr\$3 adj optic\$3 adj converter))) and (optic\$3 or 398/\$.ccls.)) not ((((frequency near3 modulat\$3) with (pilot\$2 near4 signal\$2)) same transmitter) and optic\$) or ((((frequency near3 modulat\$3) with (pilot\$2 near4 signal\$2)) same transmitter) and optic\$) or ((((frequency near3 modulat\$3) with (pilot\$2 near4 signal\$2)) same transmitter) and 398/\$.ccls.))) and (372/\$.ccls. or 315/\$.ccls.) 398/2-5.ccls. protect\$3 near4 (path\$2 or link\$2) alternative adj (path\$2 or link\$2) different adj (path\$2 or link\$2)	USPAT USPAT USPAT	2003/12/17 17:16 2003/12/17 15:00 2003/12/17 15:00
-	7606 2521	same transmitter) and optic\$) or ((((frequency near3 modulat\$3) with (pilot\$2 near4 signal\$2)) same transmitter) and 398/\$.ccls.))) not (((((frequency near3 modulat\$3) with (pilot\$2 near4 signal\$2)) and ((transmitter or laser or electrooptic\$3 or (electro adj optic\$3) or (electr\$3 adj optic\$3 adj converter)))) and (optic\$3 or 398/\$.ccls.)) not ((((frequency near3 modulat\$3) with (pilot\$2 near4 signal\$2)) same transmitter) and optic\$) or ((((frequency near3 modulat\$3) with (pilot\$2 near4 signal\$2)) same transmitter) and 398/\$.ccls.))) not ((((frequency near3 modulat\$3) with (pilot\$2 near4 signal\$2)) and ((transmitter or laser or electrooptic\$3 or (electro adj optic\$3) or (electr\$3 adj optic\$3 adj converter)))) and (optic\$3 or 398/\$.ccls.)) not ((((frequency near3 modulat\$3) with (pilot\$2 near4 signal\$2)) same transmitter) and optic\$) or ((((frequency near3 modulat\$3) with (pilot\$2 near4 signal\$2)) same transmitter) and 398/\$.ccls.)))) and (372/\$.ccls. or 315/\$.ccls.) 398/2-5.ccls. protect\$3 near4 (path\$2 or link\$2) alternative adj (path\$2 or link\$2) different adj (path\$2 or link\$2) ((alternative adj (path\$2 or link\$2)) or	USPAT USPAT	2003/12/17 17:16 2003/12/17 15:00
	7606 2521 10378	same transmitter) and optic\$) or ((((frequency near3 modulat\$3) with (pilot\$2 near4 signal\$2)) same transmitter) and 398/\$.ccls.)) not (((((frequency near3 modulat\$3) with (pilot\$2 near4 signal\$2)) and ((transmitter or laser or electrooptic\$3 or (electro adj optic\$3) or (electr\$3 adj optic\$3 adj converter))) and (optic\$3 or 398/\$.ccls.)) not ((((frequency near3 modulat\$3) with (pilot\$2 near4 signal\$2)) same transmitter) and optic\$) or (((frequency near3 modulat\$3) with (pilot\$2 near4 signal\$2)) same transmitter) and 398/\$.ccls.))) not ((((frequency near3 modulat\$3) with (pilot\$2 near4 signal\$2)) and ((transmitter or laser or electrooptic\$3 or (electro adj optic\$3) or (electr\$3 adj optic\$3 adj converter))) and (optic\$3 or 398/\$.ccls.)) not ((((frequency near3 modulat\$3) with (pilot\$2 near4 signal\$2)) same transmitter) and optic\$) or ((((frequency near3 modulat\$3) with (pilot\$2 near4 signal\$2)) same transmitter) and optic\$) or ((((frequency near3 modulat\$3) with (pilot\$2 near4 signal\$2)) same transmitter) and 398/\$.ccls.))) and (372/\$.ccls. or 315/\$.ccls.) 398/2-5.ccls. protect\$3 near4 (path\$2 or link\$2) alternative adj (path\$2 or link\$2) different adj (path\$2 or link\$2)	USPAT USPAT USPAT	2003/12/17 17:16 2003/12/17 15:00 2003/12/17 15:00

-	2	((alternative adj (path\$2 or link\$2)) or (different adj (path\$2 or link\$2))) with bandwidth\$2	EPO; JPO; IBM_TDB	2003/12/17 17:01
_	4		USPAT;	2003/12/17 17:06
	_	(different adj (path\$2 or link\$2))) with	EPO; JPO;	
		bandwidth\$2) and (protect\$3 near4 (path\$2 or	IBM_TDB	
	_	link\$2))		
-	12		USPAT;	2003/12/17 17:10
		(different adj (path\$2 or link\$2))) with bandwidth\$2) and (protect\$3 near4 (path\$2 or	US-PGPUB; EPO; JPO;	
į		link\$2))	DERWENT;	
		·	IBM TDB	
-	1198	(unlitiliz\$3 or unused) near5 bandwidth\$2	USPAT;	2003/12/17 17:15
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
	3	200/2 F gala and ((unlitiliate or unused)	IBM_TDB USPAT;	2003/12/17 17:12
_	3	398/2-5.ccls. and ((unlitiliz\$3 or unused) near5 bandwidth\$2)	US-PGPUB;	2003/12/17 17:12
		nears sandwidenyz,	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
	120	((unlitiliz\$3 or unused) near5 bandwidth\$2)	USPAT;	2003/12/17 17:15
	1	with (path\$2 or link\$2)	US-PGPUB;	
			EPO; JPO; DERWENT;	
			IBM TDB	
_	4	(protect\$3 near4 (path\$2 or link\$2)) and	USPAT	2003/12/17 17:20
		(((unlitiliz\$3 or unused) near5 bandwidth\$2)		
		with (path\$2 or link\$2))		
-	128	1	USPAT	2004/01/22 14:16
_	477	tranmit\$3 and receiv\$3	USPAT	2004/01/22 14:16
_	2634	tranmit\$3 same (pilot\$2 near4 signal\$2) frequency with (pilot\$2 near4 signal\$2)	USPAT USPAT	2004/01/22 14:18 2004/01/22 14:22
_	4	(tranmitter\$2 and receiver\$2) and (frequency	USPAT	2004/01/22 14:22
·		with (pilot\$2 near4 signal\$2))		, , , , , , , , , , , , , , , , , , , ,
-	8	(tranmit\$3 and receiv\$3) and (frequency with	USPAT	2004/01/22 14:21
	202	(pilot\$2 near4 signal\$2))	1100 2 0	0004/01/00 14 00
_	323	(frequency with (pilot\$2 near4 signal\$2)) same transmitter	USPAT	2004/01/22 14:22
_	459	(frequency near3 modulat\$3) with (pilot\$2	USPAT	2004/01/22 14:22
		near4 signal\$2)		,
-	60	((frequency near3 modulat\$3) with (pilot\$2	USPAT	2004/01/22 14:23
		near4 signal\$2)) same transmitter		,
-	15	1 , , , , , , , , , , , , , , , , , , ,	USPAT	2004/01/22 14:24
		near4 signal\$2)) same transmitter) and optic\$		
-	4	1 - '	USPAT	2004/01/22 14:24
		near4 signal\$2)) same transmitter) and		, , == == = = = = = = = = = = = = = = =
		398/\$.ccls.		
-	15		USPAT	2004/01/22 14:33
		near4 signal\$2)) same transmitter) and optic\$) or ((((frequency near3 modulat\$3)		
		with (pilot\$2 near4 signal\$2)) same		
		transmitter) and 398/\$.ccls.)		
-	339736	(transmitter or laser or electrooptic\$3 or	USPAT	2004/01/22 14:37
		(electro adj optic\$3) or (electr\$3 adj		
	222	optic\$3 adj converter))	Habam	2004/03/22 3: 2=
-	229	((frequency near3 modulat\$3) with (pilot\$2 near4 signal\$2)) and ((transmitter or laser	USPAT	2004/01/22 14:37
		or electrooptic\$3 or (electro adj optic\$3)		· .
		or (electr\$3 adj optic\$3 adj converter)))		
-	68	(((frequency near3 modulat\$3) with (pilot\$2	USPAT	2004/01/22 14:37
		near4 signal\$2)) and ((transmitter or laser		
		or electrooptic\$3 or (electro adj optic\$3)		
		or (electr\$3 adj optic\$3 adj converter)))) and (optic\$3 or 398/\$.ccls.)		
L	L	and topereds or seety.cers.	J	L

			<u>-</u>	· · · · · · · · · · · · · · · · · · ·
-	54	((((frequency near3 modulat\$3) with (pilot\$2	USPAT	2004/01/22 19:57
		near4 signal\$2)) and ((transmitter or laser		
		or electrooptic\$3 or (electro adj optic\$3)		
j		or (electr\$3 adj optic\$3 adj converter))))		ļ
		and (optic\$3 or 398/\$.ccls.)) not		
		(((((frequency near3 modulat\$3) with		
		(pilot\$2 near4 signal\$2)) same transmitter)		
		and optic\$) or (((frequency near3		1
		modulat\$3) with (pilot\$2 near4 signal\$2))		
		same transmitter) and 398/\$.ccls.))		

Junge et al
Vaplatory using an solla induding a
Variables at all all variety usong a pilot us-pat-no: US-PAT-NO: DOCUMENT-IDENTIFIER: US 3582832 A control the frequency of
DOCUMENT-IDENTIFIER: US 3582832 A control the frequency
TITLE: UTILIZING A FIELD AUTOMATICALLY CONTROLLED EQUALIZER EFFECT TRANSISTOR PICOT Signal Signal Signal
the art (See Tinge et al)
Brief Summary Text - BSTX (10): The term "assigned frequency" designates any signal emitted by a transmitter
at a constant amplitude level and transmitted over the line to be controlled
and used to control the equalizing device. It may be a control pilot frequency
transmitted in addition to data, or a pilot signal frequency transmitted for

other purposes such as a synchronizing pilot signal, or

transmitted at a constant level but, for example, frequency

another oscillation

modulated.